



# Weather Briefing

## January 29, 2013



**National Weather Service**  
**Des Moines, IA**

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# Decision Support Briefing Highlights



What	Where	Timing	Impacts
<b>Snow</b> 3-6 inches Locally higher	Heaviest Snow from Mt Ayr to Grinnell	Heaviest snow from midnight to 9 am	Snow-packed roadways Heavy wet snow at least initially
<b>North Winds</b> 20-30 mph with higher gusts	Much of Central Iowa	Winds strengthening overnight with strongest winds 3 am to noon	Reduced Visibilities Drifting of snow on Area roads and highways
<b>Temperatures</b> Lows: Falling into the 20s	All of Central Iowa	Tonight into Wednesday morning	Water and melting snow re-freezing and producing an ice layer under snow.



# Decision Support Briefing

## Key Points

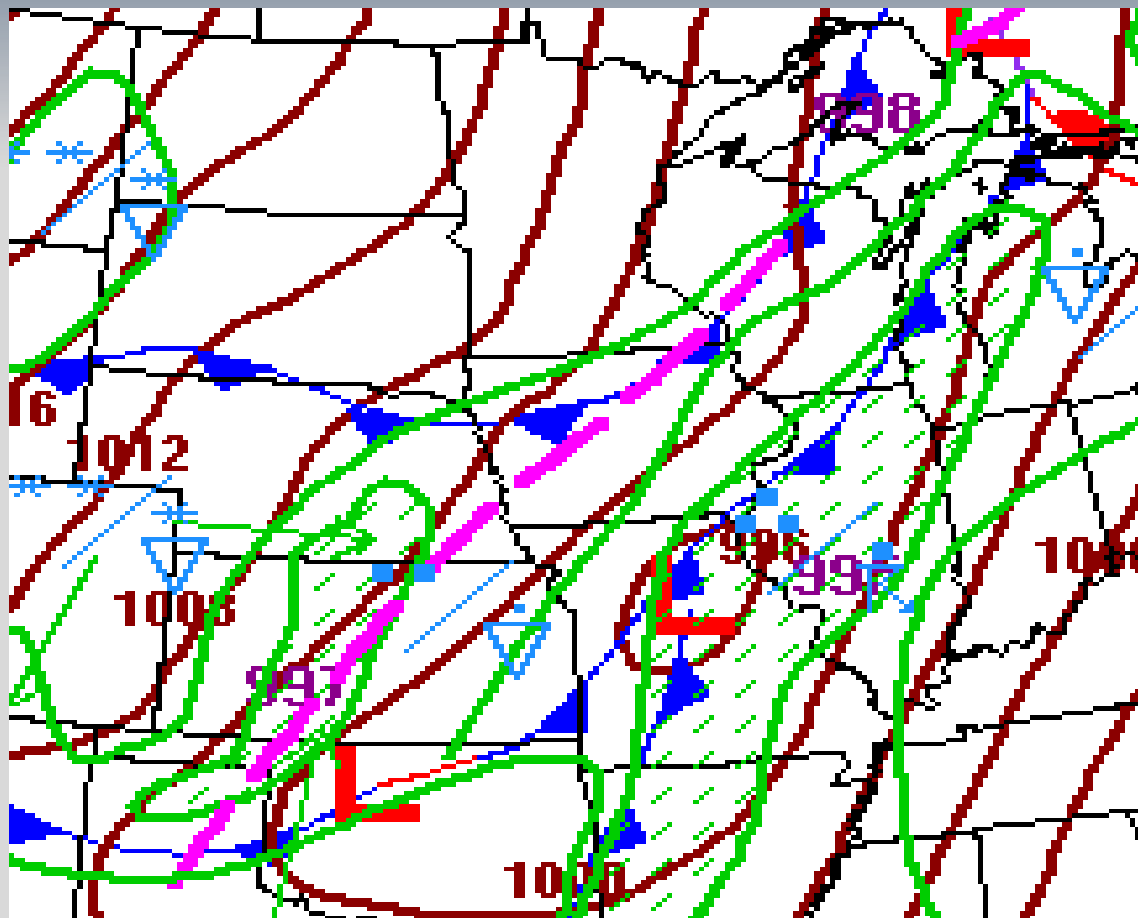


- Rain changing to snow Southeast overnight as colder air arrives. Primarily all snow west of an Bedford through Des Moines to Waterloo line.
- Strong northwest winds at 20 to 30 mph with gusts of 35 mph by daybreak Wednesday.
- Morning commute on Wednesday will see poor conditions with strong winds and snow. May see coating of ice underneath snow as water freezes from previous rain and melting snow.



# Storm Location

6 P.M., Tuesday, January 29, 2013

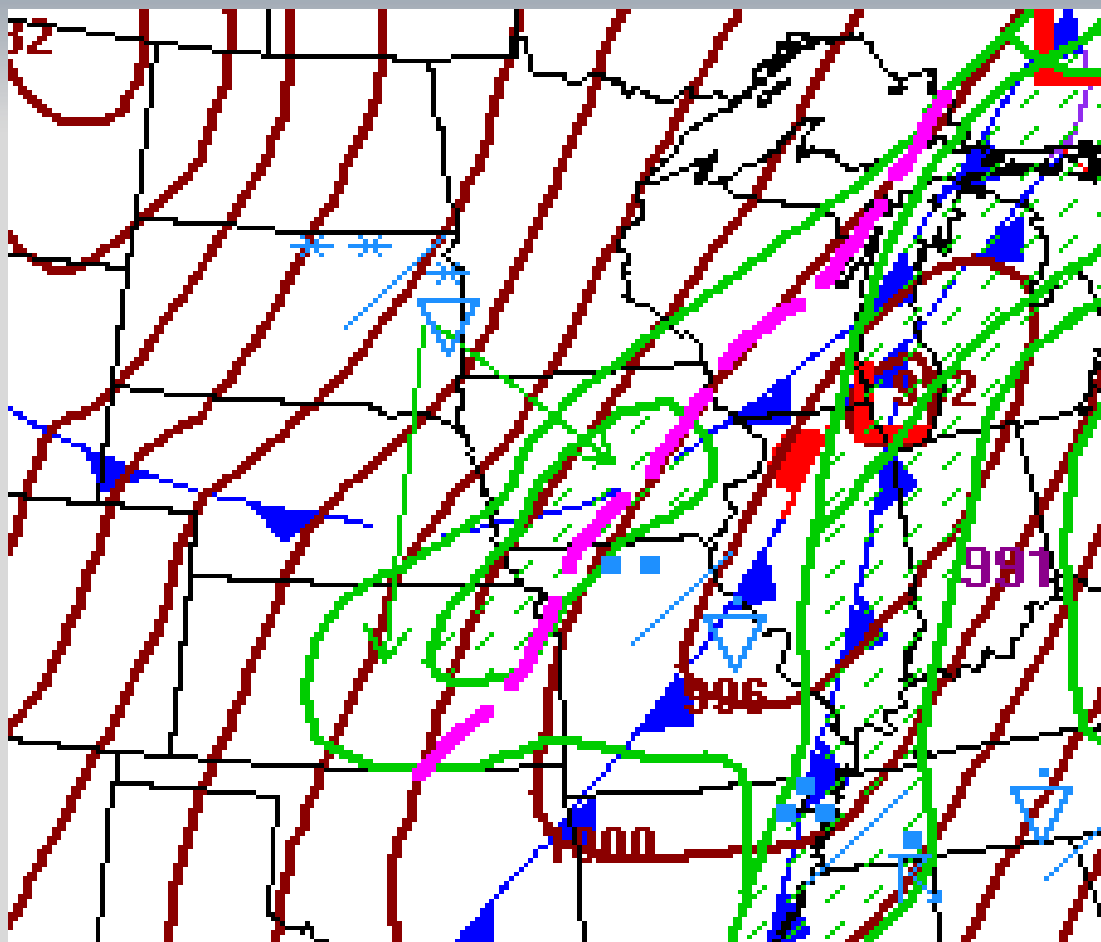


Purple dashed line represents the rain/snow line at 6 pm Tuesday evening. This line will move east tonight with rain changing to snow.



# Storm Location

12 A.M., Wednesday, January 30, 2013

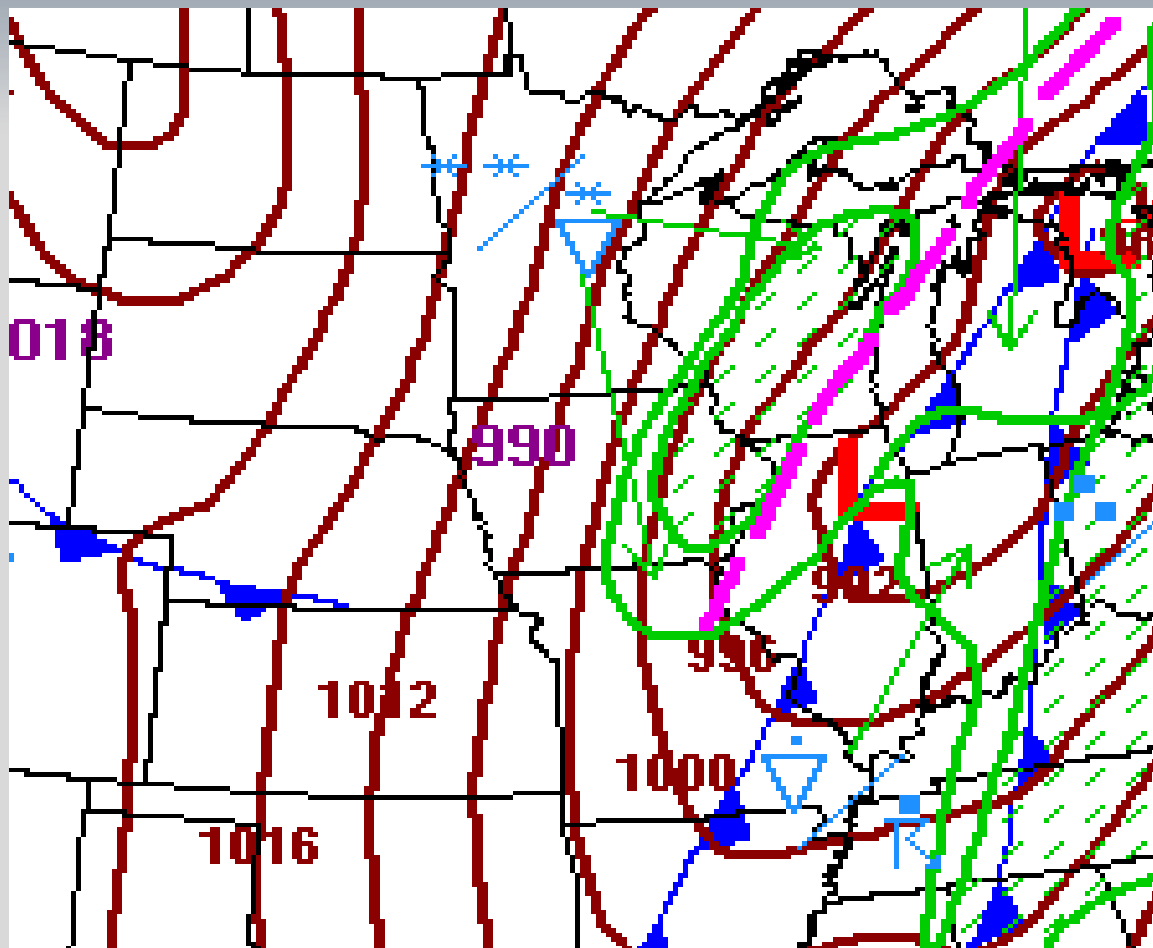


The rain/snow line has moved through much of Central Iowa by Midnight. Snow and wind intensity will pick up after Midnight in much of Central Iowa.



# Storm Location

## 6 A.M., Wednesday, January 30, 2013



Some of the worst conditions are expected around sunrise on Wednesday morning with strong north to northwest winds and still some falling snow... especially east of Interstate 35.







# Wind Values



## Winds near Newton

01/30							Midnight				6 AM			
00	01	02	03	04	05	06	07	08	09	10	11	12	13	
16	15	13	12	10	9	9	6	6	6	7	7	7	9	
20	20	21	22	22	23	23	23	24	24	24	24	24	23	
/ NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	
26	28	29	30	30	31	31	32	32	32	32	32	32	31	

These winds are generally representative of the winds across Central Iowa late tonight into Wednesday morning. Sustained winds of 20 to 30 mph are expected with wind gusts of up to 35 mph. This will produce considerable blowing and drifting of snow and reduce visibilities below one quarter of a mile... especially in rural areas.



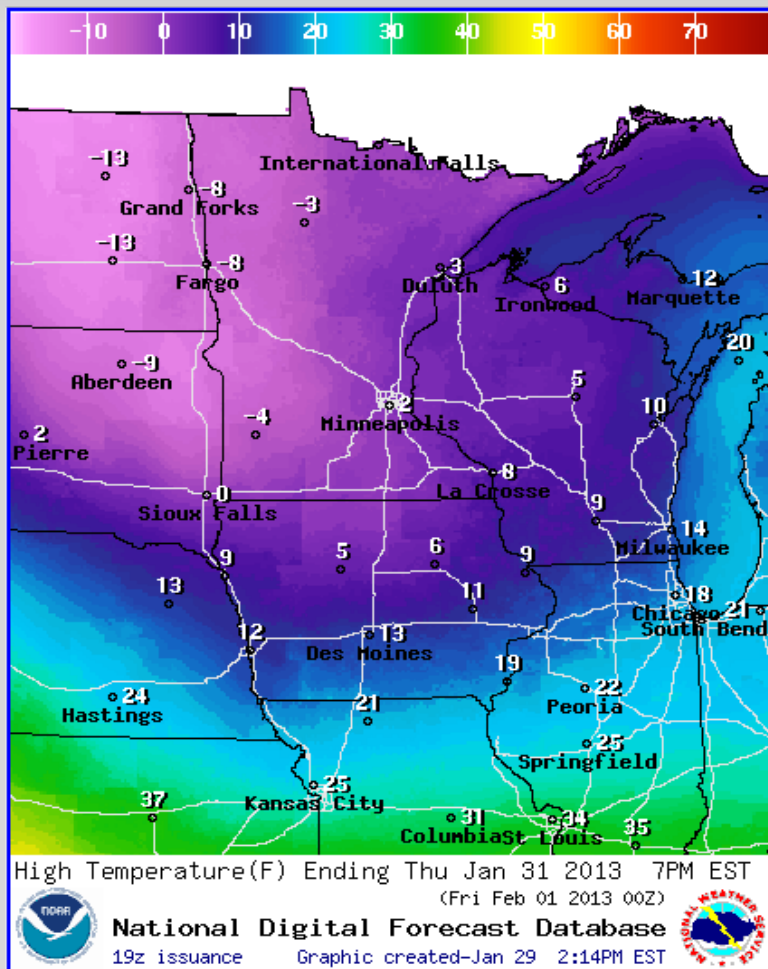


# Cold Air Arrives

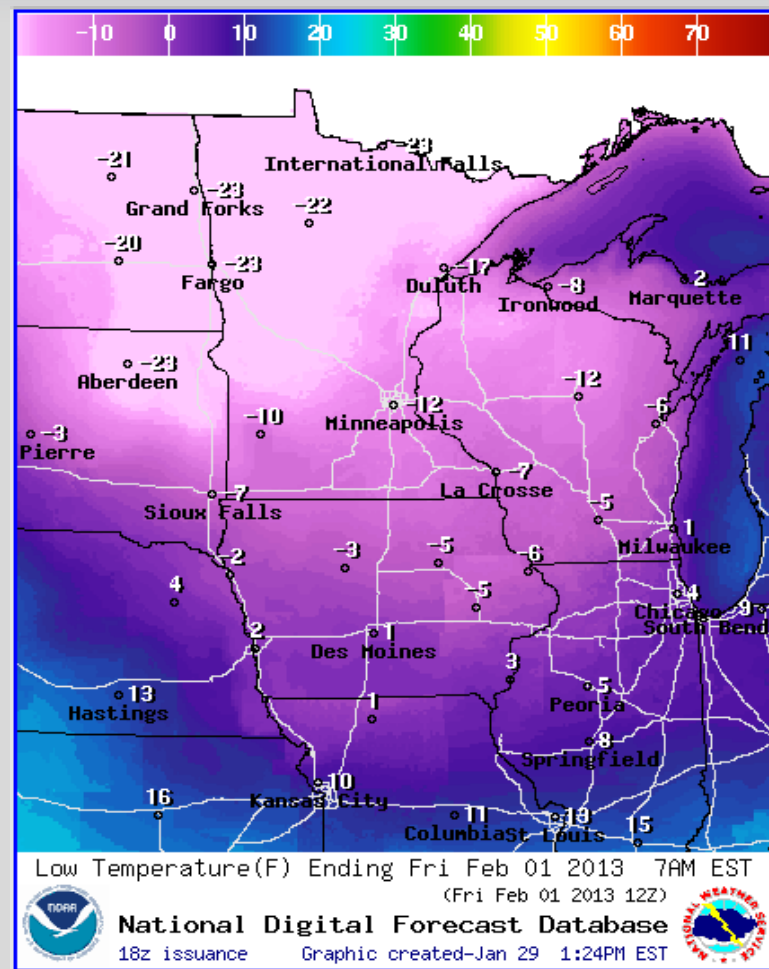


Much colder air will arrive by Thursday

Highs Thursday



Lows Friday Morning





# Decision Support Briefing Summary

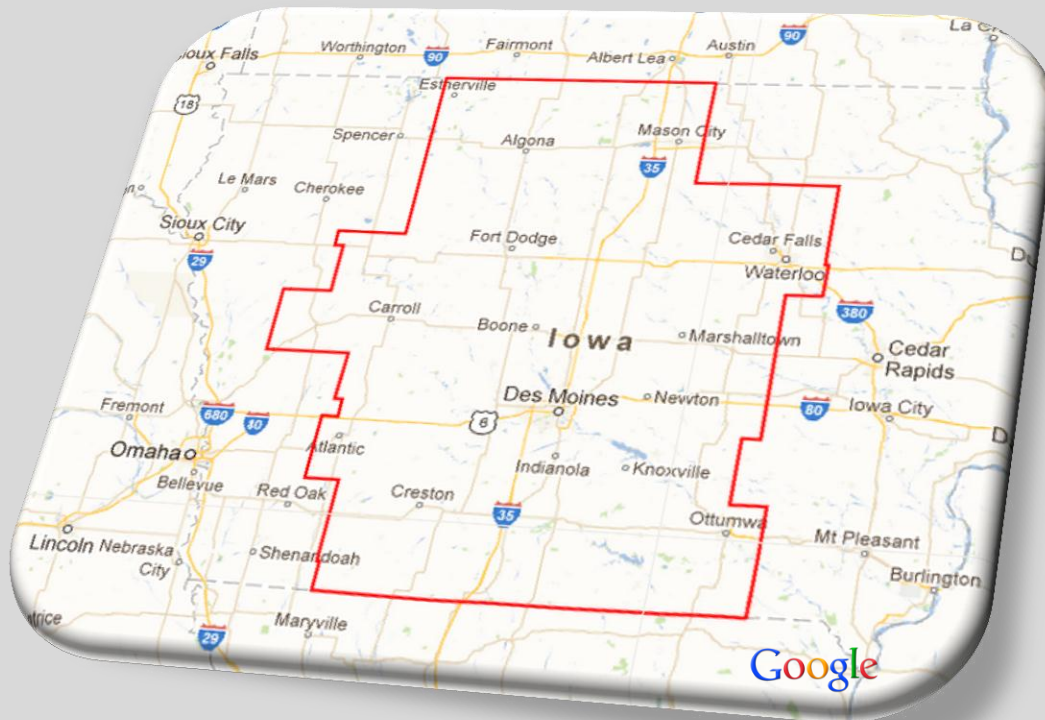


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For questions and additional information:

**NWS Des Moines, IA**

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